

1 **BEFORE THE PUBLIC UTILITIES COMMISSION OF NEVADA**

2 Application of Nevada Power Company doing )  
3 business as NV Energy for a Permit to Construct a )  
4 0.3-mile overhead 230kV transmission line and )  
associated facilities at the Harry Allen Substation )  
Under the Utility Environmental Protection Act )

Docket No. 16-01 \_\_\_\_\_

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6 **APPLICATION FOR A PERMIT TO CONSTRUCT THE PLAYA SOLAR 230KV**  
7 **TRANSMISSION FACILITIES AT THE HARRY ALLEN SUBSTATION UNDER**  
8 **THE UTILITY ENVIRONMENTAL PROTECTION ACT**  
9 **INTRODUCTION**

10 Nevada Power Company d/b/a NV Energy (“Nevada Power”), in accordance with  
11 Subsection 2 of Nevada Revised Statutes (“NRS”) 704.870 and Nevada Administrative Code  
12 (“NAC”) 703.423, hereby files with the Public Utilities Commission of Nevada (the  
13 “Commission”) this Application for a Permit to Construct the facilities described below,  
14 namely 0.3-mile overhead 230kV transmission line and associated facilities at the Harry Allen  
15 Substation (the “Project”), pursuant to the Utility Environmental Protection Act (“UEPA”)  
set forth in NRS 704.820 to 704.900 (the “Application”).

16 This Application is filed with the Commission pursuant to Subsection 2 of NRS  
17 704.870 for a permit to construct a utility facility, where federal authorization is required. It  
18 is the third UEPA application that is associated with the Playa Solar Projects. *See also* Docket  
19 Nos. 14-09001 and 15-10021. On September 3, 2014, Playa Solar filed an application with  
20 the Commission requesting a UEPA permit to construct the Playa Solar Projects, which is  
21 expected to consist of two solar generating facilities, a 0.7 mile gen-tie line connecting the  
22 solar projects to the Harry Allen Substation and other associated facilities (“Playa Solar  
23 Projects”). *See* Docket No. 14-09001. On June 29, 2015, the Commission issued a  
24 compliance order, which conditionally approved the UEPA Permit for the Playa Solar  
25 Projects (“Compliance Order”). *Id.*

26 On October 29, 2015, Nevada Power filed an application with the Commission  
27 requesting a UEPA Permit to construct internal upgrades at the Harry Allen Substation that  
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1 are required for the Playa Solar Projects to interconnect at the substation. *See* Docket No. 15-  
2 10021. The Commission approved Nevada Power's application at its Regular Agenda on  
3 December 22, 2015.

4 In this Application, Nevada Power is requesting the Commission issue a UEPA Permit  
5 to construct external upgrades at the Harry Allen Substation. In particular, the Project will  
6 consist of interconnection facilities outside Harry Allen Substation, including an overhead  
7 230kV transmission line approximately 0.3-mile in length, with associated  
8 telecommunication and system protection facilities for safety and reliability. (the "Project")  
9 All of these facilities and construction activities were originally described in Playa Solar's  
10 UEPA application filed on September 3, 2014, and conditionally approved by the  
11 Commission in its Compliance Order. Nevada Power, however, will construct and eventually  
12 own three-tenths (0.3) of a mile of the 0.7 mile gen-tie line connecting the Playa Solar Projects  
13 with the Harry Allen Substation. Contractually, the developer obtains the UEPA Permit and  
14 Nevada Power conducts its construction under that permit and then once the project is fully  
15 operational, Nevada Power obtains ownership of the facilities through an assignment or  
16 transfer of title.

17 In regards to the Project, Nevada Power will have an outage window at Harry Allen  
18 Substation in May 2016, so all of its work to construct this 0.3-mile 230kV transmission line  
19 interconnection into the substation must commence in February. However, Playa Solar does  
20 not anticipate being in position to obtain its UEPA Permit for the Playa Solar Projects in time  
21 for Nevada Power to complete the work before the outage window, which could impact the  
22 overall project. As a result, Nevada Power agreed to file the Application to obtain its own  
23 UEPA Permit for the Project.

24 As described in more detail below, Federal authorization has already been granted to  
25 Playa Solar for the entire 0.7-mile gen-tie, and the Commission has already issued the  
26 Compliance Order for the construction of the Project. *See* Docket 14-09001. As a result,  
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1 Nevada Power respectfully requests that the Commission approve this Application as filed,  
2 pursuant to NRS 704.8905.

3 **A. GENERAL ALLEGATIONS**

4 1. Nevada Power is a wholly-owned subsidiary of NV Energy, Inc., a holding  
5 company incorporated under the laws of the State of Nevada, which in turn is a wholly-owned  
6 subsidiary of Berkshire Hathaway Energy.

7 2. Nevada Power provides retail electric service to the public in portions of Clark  
8 and Nye Counties and is a “public utility” as that term is defined and used in NRS 704.741 to  
9 .751 (Resource Planning).

10 3. Nevada Power’s principal place of business, mailing address and telephone  
11 number are: 6226 West Sahara Avenue; P.O. Box 98910, Las Vegas, Nevada 89151; (702)  
12 402-5000.

13 4. All correspondence related to this Application (copy of all pleadings, notices,  
14 orders and discovery requests) should be sent to the undersigned counsel and to the Manager  
15 of Regulatory Services, whose names and addresses are set forth below:

16 17 18 19 20 21	Tim Clausen Senior Attorney <b>NV Energy</b> 6100 Neil Road Reno, NV 89511 Tel: (775) 834-5678 Fax: (775) 834-4811 E-Mail: tclausen@nvenergy.com	Trevor Dillard Manager Regulatory Services <b>NV Energy</b> 6100 Neil Road Reno, NV 89511 Tel: (775) 834-5823 Fax: (775) 834-4484 E-Mail: regulatory@nvenergy.com
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22 **B. LEGAL AUTHORITY**

23 5. This Application is filed in accordance with the Commission’s regulations  
24 governing pleadings (NAC 703.530 et seq.); the UEPA (NRS 704.820 to .900), specifically:  
25 NRS 704.870.1 (requirements for filing); NRS 704.873 (Commission has exclusive  
26 jurisdiction to determine need for utility facilities); NRS 704.890 (Grant or denial of  
27 application: Required findings; conditions and modifications); and the Commission’s  
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1 regulations governing construction of utility facilities (NAC 703.415 to .427, specifically,  
2 NAC 703.423, requirements for filing after a federal agency has completed its environmental  
3 review of the project).

4 6. Nevada Power respectfully requests that the Commission accept this  
5 Application as complying with the statutory and regulatory requirements set forth above,  
6 grant this Application and, when Nevada Power files with the Commission all other  
7 government permits, licenses and approvals required for it to construct the Project, issue  
8 Nevada Power a Permit to Construct the Project pursuant to NRS 704.8905.

9 **C. THE NATURE OF AND NEED FOR THE PROJECT**

10 7. The Project will consist of interconnection facilities outside Harry Allen  
11 Substation, including an overhead 230kV transmission line approximately 0.3-mile in length,  
12 with associated telecommunication and system protection facilities for safety and reliability.  
13 The purpose of the Project is to facilitate the interconnection of the Playa Solar Projects into  
14 the Nevada Power system, pursuant to the Large Generator Interconnection Agreement and  
15 Power Purchase Agreements between Nevada Power, Sierra Pacific Power and Playa Solar.

16 8. The Project is more fully described in Part 2 of this Application and its  
17 exhibits, which: (a) Describe the location and nature of the Project; (b) summarize studies  
18 made of the environmental impact of the construction of the Project; (c) describe the analysis  
19 performed of alternative locations for the Project and the benefits provided by locating the  
20 Project as proposed; (d) describe the environmental effects of the construction and operation  
21 of the Project, and (e) describe the measures that will be implemented to mitigate those  
22 impacts, as required by NRS 704.870.2(b) and NAC 703.423.

23 9. Nevada Power has a need to provide safe, reliable and cost-effective electric  
24 transmission service to its retail service customers, and to maintain its transmission system in  
25 compliance with federally mandated safety and reliability standards. It is also required to  
26 construct interconnection and network transmission facilities sufficient to meet the requests  
27 of generators to interconnect to the Nevada Power transmission system and to provide  
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requested transmission service in compliance with federal law and requirements imposed by the Federal Energy Regulatory Commission. The construction of the interconnection facilities pursuant to this application will enable Nevada Power to meet these requirements as follows:

- a. It will enable Nevada Power to interconnect 179MW of new renewable energy generation to the Nevada Power system for delivery to Nevada Power customers and for delivery to market;
- b. It will enable Nevada Power to continue to meet the Nevada Renewable Portfolio Standard (“RPS”), including the solar generation requirement of the Standard, as the Standard increases;
- c. It will enable Nevada Power to increase the amount of bulk energy it brings into its 230 kV transmission system and through the Las Vegas Valley, which is necessitated by the actual and planned retirement of 557 MW of generating capacity at the Reid Gardner Generating Station;
- d. It will avoid the added costs that would be incurred if Nevada Power were to re-dispatch its system to operate more in-Valley generation out of economic dispatch order;
- e. It will enable Nevada Power to meet new requests for transmission service as required by federal law; and
- f. It will contribution to a reduction in greenhouse gas emissions.

10. The construction of the 230kV interconnection facilities will not have additional environmental impacts, for the reasons described in Section 7 of Part 2 of the Application.

**D. FEDERAL, STATE AND LOCAL PERMITS FOR THE PROJECT**

11. The Project will be constructed on property administered by the U.S. Bureau of Land Management (“BLM”). The BLM has already issued a right-of-way grant (“ROW Grant”) to Playa Solar, which includes the 0.3-mile overhead 230kV transmission line facility. *See* Docket No. 14-09001, BLM ROW Grant filed on August 27, 2015. Playa Solar is obtaining a limited Notice to Proceed from the BLM that will allow Nevada Power to commence construction on the Project. Playa Solar anticipates obtaining the limited Notice to Proceed in January 2016, upon which Nevada Power will file it with the Commission as part of this Application.

12. As is explained in Section 10 of Part 2 of the Application, there are no state permits required other than the Permit to Construct, and limited local permits required to commence construction of the Project, some of which have already been obtained by Playa Solar and submitted for its Compliance Order. *See* Docket No. 14-09001. The only other new permit required for Nevada Power to commence construction is a Dust Control Permit from Clark County, which it anticipates obtaining in January 2016 and will file it with the Commission.

**E. CONCLUSION**

13. Together with the description of the Project contained in Part 2 of this Application), **Exhibit A** (Project Location), **Exhibit B** (Line Route Drawing); **Exhibit C** (Public Notice and Affidavit of Publication), **Exhibit D** (Certificate of Service), this Application contains all of the information required for the Commission to evaluate and grant the Application.

14. Regarding public notice, proof of publication of a summary of this Application has appeared in newspapers published and distributed in the area where the Project is planned pursuant to NRS 704.870.4(b) and NAC 703.423(5) (*see* **Exhibit C**).

15. Regarding proof of service, a copy of this Application has been filed on the clerk of each local government affected by the location pursuant to NRS 704.870.4(a) (*see Exhibit D*).

16. Finally, the State Environmental Commission is designated as a party to this proceeding, pursuant to NRS 704.885(1)(b), and has been served a copy of this Application pursuant to NRS 704.870(3), simultaneously with this filing (*see Exhibit D*).

#### F. PRAYER FOR RELIEF

Nevada Power respectfully requests that the Commission proceed in the manner required by law and, in accordance with NAC 703.535(d), issue an order that:

1. Grants this Application;
2. Authorizes the issuance by the Commission Secretary of a Permit to Construct for the facilities described in Section C above pursuant to NRS 704.890;
3. Grants such deviations from the Commission's regulations as may be in the public interest; and
4. Grants such additional other relief as the Commission may deem appropriate and necessary.

Respectfully submitted this 19<sup>th</sup> day of January, 2016

**NEVADA POWER COMPANY  
D/B/A NV ENERGY**

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# **APPLICATION**

## **PART 2**



**NEVADA POWER COMPANY**  
**d/b/a NV Energy**

**APPLICATION FOR A PERMIT TO CONSTRUCT  
THE PLAYA SOLAR 230kV TRANSMISSION  
INTERCONNECTION FACILITY UNDER THE  
UTILITY ENVIRONMENTAL PROTECTION ACT**  
(Part 2)



**NV ENERGY**  
P.O. Box 98910  
Las Vegas, NV 89151

**NEVADA POWER COMPANY**  
**D/B/A NV Energy**

**APPLICATION FOR A PERMIT TO CONSTRUCT A UTILITY FACILITY**  
**Pursuant to the Utility Environmental Protection Act (UEPA)**  
**NRS 704.870 to .900 and NAC 703.415 to .427**

Nevada Power Company, d/b/a NV Energy files this application with the Public Utilities Commission of Nevada (“Commission”) pursuant to subsection 2 of NRS 704.870 for a permit to construct a utility facility where federal authorization is required for a 0.3-mile overhead 230kV transmission line in order to accommodate the interconnection request from a new solar generation project. Note that federal authorization has already been granted, and a Compliance Order has already been issued, as described herein (*See* Docket 14-09001).

**1. A description of the location of the proposed utility facility, as required by NRS 704.870(1) and NAC 703.423(1):**

The new 0.3-mile overhead 230kV transmission interconnection facility will be located on federally owned land within the jurisdiction of unincorporated Clark County, Nevada approximately 23 miles northeast of Las Vegas.

**(a) A regional map identifying the location of the proposed utility facility:**

*See Exhibit A*, Project Location.

**(b) A legal description of the site of the proposed utility facility:**

The new 0.3-mile overhead 230kV transmission interconnection facility will be installed within the Southeast ¼ Section 35, Township 17 South, Range 63 East, Mount Diablo baseline and meridian, Clark County, Nevada.

**(c) Appropriately scaled site plan drawings of the proposed utility facility:**

*See Exhibit B*, Line Route Drawing.

**2. A description of the proposed utility facility, as required by NRS 704.870(1) and NAC 703.423(2):**

NV Energy will be constructing the following utility facility within a portion of unincorporated Clark County, Nevada:

**(a) Size and nature of the proposed utility facility:**

NV Energy will be installing a 0.3-mile overhead, single-circuit 230kV transmission line with associated protective relaying and telecommunication

systems, and related equipment appurtenant to the safe, reliable and cost-effective operation of this new facility.

**(b) Natural resources used during the construction and operation of the proposed utility facility, and a summary of any studies which have been made of the environmental impact of the facility:**

The route of this 0.3-mile 230kV transmission line is already partially disturbed and developed with existing overhead transmission lines and associated dirt roads, as well as the existing Harry Allen Substation. Water, from approved facilities, would be used on the project during construction for dust control and other construction uses. Water may be from local municipal sources or permitted groundwater wells. Soil displaced during excavations would be segregated between topsoil and sub-soil, as appropriate. The latter would be used during backfilling and recontouring, and the topsoil would be re-spread across temporary construction use areas after construction is complete as part of site restoration. Cactus and yucca would not be salvaged, as authorized by the federal land manager. All vegetative material removed during work area grubbing, construction driving and crushing, and dead material would be spread across temporary construction use areas during post-construction restoration and used as vertical mulch to provide further organic material for seed growth. Rock and soil displaced during construction activities would be used on site for preparation and stabilization of the facility to the extent necessary.

**(c) Layout diagrams of the proposed facility and a statement why the proposed location is best suited for the facility.**

*See Exhibit B.* The route location, as already authorized by the Commission in Docket No. 14-09001, is best suited for this facility because it presents the shortest and most direct route to interconnect the Playa Solar Generation projects in to the Harry Allen Substation of NV Energy's transmission system.

**(d) Scaled diagrams of the structures at the proposed utility facility.**

*See Exhibit B.*

**(e) A statement concerning whether the proposed utility facility is an electric generating plant or the associated facilities of an electric generating plant that uses renewable energy as its primary source of energy to generate electricity.**

The authorized facility is not an electric generating plant, but it is an associated facility of the Playa Solar Generation plants that will use renewable energy as its primary source of energy to generate electricity (*see* Docket No. 14-09001).

3. **A copy and summary of any studies which have been made of the environmental impact of the proposed utility facility, as required by NAC 703.423(3) and NRS 704.870(1):**

The U.S. Bureau of Land Management (“BLM”) has completed its environmental analysis of impacts, pursuant to the National Environmental Policy Act (“NEPA”), and has authorized the Playa Solar Generation Project by issuance of a right-of-way grant that includes this 0.3-mile overhead 230kV transmission line facility (*see* Docket No. 14-09001, Exhibit F).

In addition, these characteristics and impacts have been reviewed and approved by the Commission, which resulted in issuance of its Compliance Order on June 29, 2015, to Playa Solar LLC for the Playa Solar Project (“Compliance Order”) that includes this 0.3-mile overhead 230kV transmission line facility (*see* Docket No. 14-09001).<sup>1</sup>

4. **A description of any reasonable alternate locations for the proposed utility facility, a description of the comparative merits or detriments of each location submitted, and a statement of the reasons why the location is best suited for the proposed utility facility, as required by subsection 1 of NRS 704.870. (NAC 703.423(4))**

The location selected is best suited for the authorized facility because of the proximity and location of the Harry Allen Substation. The Harry Allen Substation is the point of interconnection for the Nevada Power transmission grid that is closest to the Playa Solar Projects. Selection of a different substation for the Playa Solar Projects to interconnect to the Nevada Power transmission grid would require a longer generation tie line and additional environmental analyses and permitting.

5. **Copy of the public notice of the application and proof of the publication of the public notice, as required by NRS 704.870(4) and NAC 703.423(5):**

*See Exhibit C, Public Notice and Affidavit of Publication.*

6. **Proof that a copy of the application has been submitted to the Nevada State Clearinghouse within the Department of Administration to enable agency review and comment, as required by NAC 703.423(6):**

A copy of this initial application is being served on the Nevada State Clearinghouse (*See Exhibit D, Certificate of Service*).

7. **An explanation of the nature of the probable effect on the environment, as required by NAC 703.423(7), including:**

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<sup>1</sup> Note that in both the BLM grant and the Compliance Order, the 230kV gen-tie line is described as 0.7-mile in length. This application is requesting a Permit to Construct to Nevada Power for 0.3-mile of the total 0.7-mile gen-tie transmission line.

**(a) Environmental characteristics of the project area and impacts from construction and operation:**

The BLM has described the environmental characteristics of the project area and impacts, pursuant to NEPA, and has authorized the Playa Solar Generation Project by issuance of a right-of-way grant ("ROW Grant"), which includes this 0.3-mile overhead 230kV transmission line facility (*see* Docket No. 14-09001, BLM ROW Grant filed on August 27, 2015).

In addition, these characteristics and impacts have been reviewed by the Commission which resulted in issuance of its Compliance Order.

**(b) An environmental statement that includes the name, qualifications, professions and contact information of each person with primary responsibility for preparation of the environmental statement and a bibliography of materials used:**

Paul B. Aguirre, Environmental Scientist  
NV Energy  
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702-402-2647 [paguirre@nvenergy.com](mailto:paguirre@nvenergy.com)

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Las Vegas, NV 89151-0001  
702-402-2933 [mcarlson@nvenergy.com](mailto:mcarlson@nvenergy.com)

For bibliography, *see* Docket No. 14-09001, Exhibit F, Sections 4-1 and 4-2.

**8. If the proposed facility was not approved in a resource plan or an amendment to a resource plan, an explanation of the extent to which the proposed utility facility is needed to ensure reliable utility service to customers in this State, enhance the reliability of utility service in this State; and achieve interstate benefits by the proposed construction or modification of transmission facilities in this State, as required by NAC 703.423(8):**

This utility facility has been designed as a result of a large generator interconnection request by a customer, to NV Energy as a transmission provider. The utility facility will serve to interconnect the new Playa Solar generation projects.

Nevada Power has a need to provide safe, reliable and cost-effective electric transmission service to its retail service customers, and to maintain its transmission system in compliance with federally mandated safety and reliability standards. It is also required to construct interconnection and network transmission facilities sufficient to meet the requests

of generators to interconnect to the Nevada Power transmission system and to provide requested transmission service in compliance with federal law and requirements imposed by the Federal Energy Regulatory Commission. The construction of this 0.3-mile 230 kV transmission interconnection facility pursuant to this application will enable Nevada Power to meet these requirements as follows (also, *see* Docket Nos. 14-09001 and 15-10021):

- a. It will enable Nevada Power to interconnect 179MW of new renewable energy generation to the Nevada Power system for delivery to Nevada Power customers and for delivery to market;;
- b. It will enable Nevada Power to continue to meet the Nevada Renewable Portfolio Standard (“RPS”), including the solar generation requirement of the RPS, as the RPS increases;
- c. It will enable Nevada Power to increase the amount of bulk energy it brings into its 230 kV transmission system and through the Las Vegas Valley, which is necessitated by the actual and planned retirement of 557 MW of generating capacity at the Reid Gardner Generating Station;
- d. It will avoid the added costs that would be incurred if Nevada Power were to re-dispatch its system to operate more in-Valley generation out of economic dispatch order;
- e. It will enable Nevada Power to meet new requests for transmission service as required by federal law; and
- f. It will contribute to a reduction in greenhouse gas emissions.

**8. Explanation of how the need for the proposed utility facility as described balances any adverse effects on the environment, as required by NAC 704.423(9):**

There will be no adverse impact to the environment from the installation, operation and maintenance of this 0.3-mile 230kV transmission interconnection facility. This authorized facility will serve to interconnect a new solar generation projects at customer request (*See* Dockets No.14-09001 and 15-10021).

**9. Explanation of how the proposed utility facility represents the minimum adverse effect on the environment, including the state of available technology; and the nature and economics of various alternatives, as required by NAC 703.423(10):**

This authorized utility facility as planned follows the shortest, most direct route into an existing substation from the new solar generation projects. There are no economically feasible alternatives for this utility facility other than the authorized route of this 0.3-mile 230kV transmission line.

**10. Explanation of how the location of the proposed utility facility conforms to applicable state and local laws and regulations, including a list of all permits, licenses and**

**approvals required by federal, state and local statutes, regulations and ordinances, as required by NAC 703.423(11):**

The following table contains a list of permits/approvals required for the construction of this 0.3-mile 230kV transmission interconnection facility. As noted below, some of the required permits and approvals have already been obtained by Playa Solar and filed with the Commission in Docket No. 14-09001. These permits and approvals that have already been filed, incorporate the 0.3 mile 230kV transmission interconnection facility that is in this Application.

No state Stormwater Permit is required because the project location is within a closed basin with no outlet to a water of the State or the United States.

No local Building or Fence Permits are required because there are no new buildings or fencing as part of this authorized 0.3-mile 230kV transmission interconnection facility.

Action Requiring a Permit, Review or Approval	Permit/ Approval	Accepting Authority/Approving Agency	Statutory Reference
<b>FEDERAL</b>			
Federal Right-of-Way Grant	Right-of-Way Grant – <b>Complete (See Docket No. 14-09001)</b>	BLM	FLPMA 1976 (PL 94-579) USC 1761-1771 and 43 CFR 2800
National Environmental Policy Act Compliance to Process Right-of-Way Applications	EA – <b>Complete (See Docket No. 14-09001)</b>	BLM	NEPA, 40 CFR Part 1500-et.seq.
Authorization to Commence Construction	Limited Notice to Proceed – <b>Pending (note: to be issued to Playa Solar as holder of the ROW Grant)</b>	BLM	FLPMA 1976 (PL 94-579) USC 1761-1771 and 43 CFR 2800
<b>STATE OF NEVADA</b>			
Construction of Utility Facilities	Permit to Construct/ Utility Environmental Protection Act <b>Compliance Order Issued (See Docket No. 14-09001)</b>	Public Utilities Commission of Nevada	NRS 704.820-704.900 NAC 704.9063, 704.9359 – 704.9361
<b>LOCAL/COUNTY</b>			
Construction and Operation in Clark County	Special Use Permit – <b>Complete (See Docket No. 14-09001)</b>	Clark County Board of Commissioners	Clark County Zoning Ordinance

Construction/Fugitive Dust – PM <sub>10</sub> in Clark County	Clark County Dust Control Permit <i>Pending</i>	Clark County Department of Air Quality Management	Clean Air Act of 1977 and Amendments NRS 321.001, 40 CFR Subpart C, 42 USC 7408, 42 USC 7409.
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**11. Explanation of how the proposed utility facility will serve the public interest, as required by NAC 703.423(11):**

NV Energy has a need to provide safe, reliable and cost-effective electric transmission service to serve transmission customer requests and comply with transmission use agreements. This authorized 0.3-mile 230kV utility facility is to connect a new solar generation project at customer request.



**UEPA APPLICATION  
FOR A PERMIT TO CONSTRUCT THE  
PLAYA SOLAR 230 kV INTERCONNECTION AT HARRY ALLEN SUBSTATION**

**LIST OF EXHIBITS**

<u>Exhibit A</u>	Project Location
<u>Exhibit B</u>	Line Route Drawing
<u>Exhibit C</u>	Public Notice and Affidavit of Publication
<u>Exhibit D</u>	Certificate of Service

**DRAFT PUBLIC NOTICE**

## **Draft Notice Application for Applications, Petitions and Complaints**

The Commission requires a draft notice be included with all applications, petitions and complaints. See Nevada Administrative Code 703.162. Please include one copy of this form with all the above filings.

**I. Include a title that describes the relief requested, or proceeding scheduled pursuant to Nevada Administrative Code (“NAC”) 703.160(4)(a).**

Application of Nevada Power Company doing business as NV Energy for a Permit to Construct a 0.3-mile overhead 230kV transmission line and associated facilities at the Harry Allen Substation Under the Utility Environmental Protection Act

**II. Include the name of the applicant, complainant, petitioner, or the name of the agent for same pursuant to NAC 703.160(4)(b).**

Nevada Power Company d/b/a NV Energy.

**III. Include a paragraph with a brief description of the purpose of the filing or proceeding with an introductory statement in plain English understandable to a person of average knowledge and intelligence, that summarizes the relief requested or proceeding scheduled, AND its impact upon consumers, pursuant to NAC 704.160(4)(c).**

This is Nevada Power’s application for approval of a permit to construct transmission and electric facilities pursuant to the Utility Environmental Protection Act set forth in NRS 704.820 to .900 and in NAC 703.415 to .427, as amended (“UEPA”). Under the UEPA, Nevada Power is required to file with the Public Utilities Commission of Nevada (“Commission”) an application for a permit to construct electric transmission lines and substation facilities that are designed to operate at 200 kilovolts (“kV”) or more.

The proposed utility facilities in this application will consist of interconnection facilities outside Harry Allen Substation, including an overhead 230kV transmission line approximately 0.3-mile in length, with associated telecommunication and system protection facilities for safety and reliability.

The proposed facilities will be constructed at the Harry Allen Substation, which is located in unincorporated Clark County, approximately 23 miles northeast of Las Vegas. The interconnection facilities are being constructed in order to facilitate the interconnection of the Playa Solar 100MW solar generation plant and its 79 MW solar generation plant into the Nevada Power electric

transmission system. The interconnection facilities will enable Nevada Power to do the following:

- a. interconnect new renewable energy generation to the Nevada Power system for delivery to Nevada Power customers and for delivery to market;
- b. continue to meet the Nevada Renewable Portfolio Standard, including the solar generation requirement of the Standard, as the Standard increases;
- c. increase the amount of bulk energy Nevada Power brings into its electric transmission system and through the Las Vegas Valley;
- d. avoid the added costs that would be incurred if Nevada Power were to operate more generation located within the Las Vegas Valley out of economic dispatch order in order to maintain the reliability of its electric system;
- e. meet new requests for interconnection and transmission service as it is required to do so by federal law; and
- f. reduce greenhouse gas emissions from the generation of electricity.

**AND Pursuant to NAC 703.160(5)(c), the effect of the relief upon consumers:**

If granted, Commission issuance of the UEPA permit to construct will indicate that Nevada Power may recover, in a future application for a change in its electric rates, all costs prudently and reasonably incurred in carrying out the UEPA permit to construct the proposed substation interconnection facilities.

**IV. A declaration by the applicant, petitioner, or complainant whether a consumer session is required by Nevada Revised Statute (“NRS”) 704.069 (1).<sup>1</sup>**

A consumer session is not required for this Application.

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<sup>1</sup> **NRS 704.069 Commission required to conduct consumer session for certain rate cases; Commission required to conduct general consumer session annually in certain counties.**

1. The Commission shall conduct a consumer session to solicit comments from the public in any matter pending before the Commission pursuant to NRS 704.061 to 704.110, inclusive, in which:

(a) A public utility has filed a general rate application, an application to recover the increased cost of purchased fuel, purchased power, or natural gas purchased for resale or an application to clear its deferred accounts; and

(b) The changes proposed in the application will result in an increase in annual gross operating revenue, as certified by the applicant, in an amount that will exceed \$50,000 or 10 percent of the applicant’s annual gross operating revenue, whichever is less.

**V. If the draft notice pertains to a tariff filing, please include the tariff number and the section number(s) or schedule number(s) being revised.**

Not applicable.

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2. In addition to the case-specific consumer sessions required by subsection 1, the Commission shall, during each calendar year, conduct at least one general consumer session in the county with the largest population in this state and at least one general consumer session in the county with the second largest population in this state. At each general consumer session, the Commission shall solicit comments from the public on issues concerning public utilities. Not later than 60 days after each general consumer session, the Commission shall submit the record from the general consumer session to the Legislative Commission.

**EXHIBIT A**  
**PROJECT LOCATION**

# EXHIBIT A - PROJECT LOCATION



Google earth

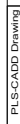
miles  
km



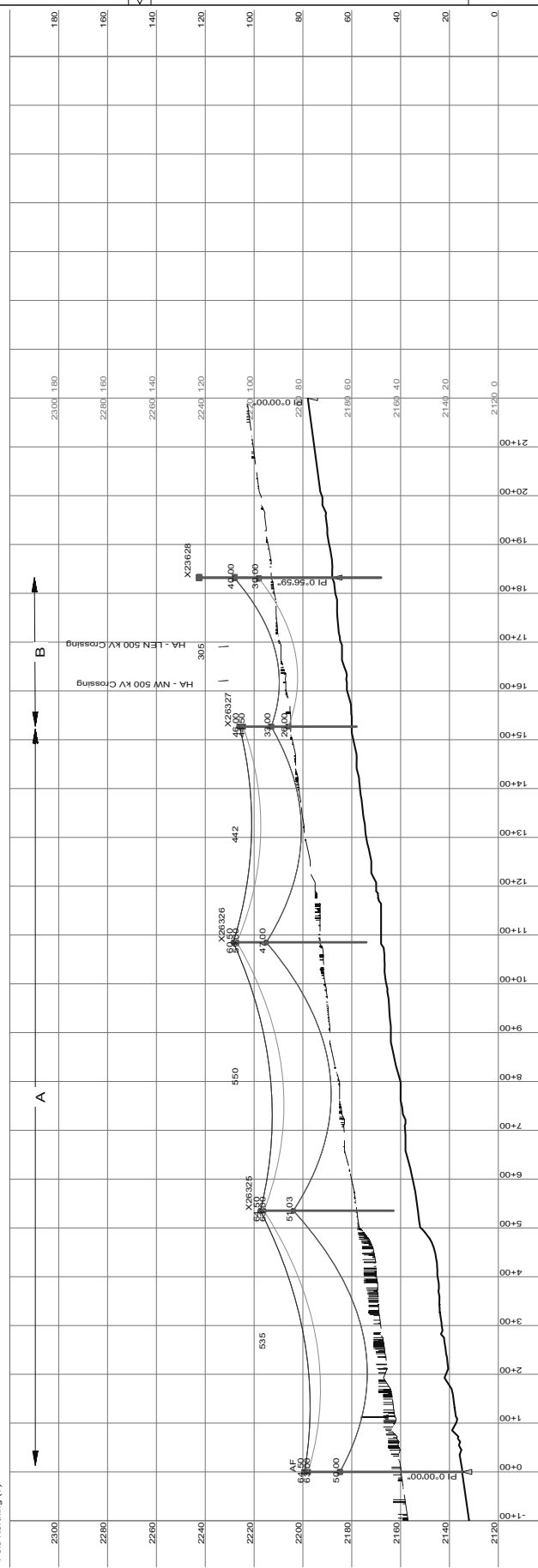
**EXHIBIT B**  
**LINE ROUTE DRAWING**



## PLS-CADD Drawing



```
X23628
sta=18+32.10
HF-SW
embed len=20.00
X=854175.62
Y=26856440.66
```



SAG SECTION B: RULING SPAN = 305 ft  
 INSTALL - HA-Playa 230 kV LINE (3) 954 kcm ACSR 54/7 "Cardinal", Control @ 3000# NESC Light, Displayed @ 212°F  
 INSTALL - ADSS FIBER ALCOA, Control @ 1000# NESC Light, Displayed @ 120°

**LEGEND:**

●	NEW POLE
○	EXISTING POLE
⊗	EXISTING POLE TO BE REMOVED
⊗	EXISTING POLE TO BE REPLACED
∠	ANGLE
D	DEAD END

TS

OF  
SHEET NO.

230 kV Transmission Line  
Harry Allen - Playa Solar  
Renewable Interconnection

ROI ID:	SCALE:
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REVISIONS

DRAWN DATE	DES DATE	CHKD DATE	APPD DATE	DATE
SRP /30/15				

**EXHIBIT C**  
**PUBLIC NOTICE**  
**AND**  
**AFFIDAVIT OF PUBLICATION**

**LEGAL INVOICE**

START	STOP	NEWSPAPER REFERENCE / PO	DESCRIPTION	PRODUCT	SIZE / QTY	BILLED UNITS	TIMES RUN	AMOUNT
12/17	12/17	0000691490	nve playa jennifer fapplic uspa nv playa solar	Review-Journal	1.00 x 136 LI	136	1	291.12
nve playa jennifer f								

**TOTAL AMOUNT DUE**

\$291.12

CREDIT REP / PHONE #	ADVERTISER INFORMATION			
Kelly (702) 387-5271	BILLING PERIOD	BILLED ACCOUNT NUMBER	ADVERTISER / CLIENT NUMBER	ADVERTISER / CLIENT NAME
		22525	22525	NV ENERGY LAS VEGAS

MAKE CHECKS PAYABLE TO: Las Vegas Review-Journal

PO Box 920  
Las Vegas NV 89125-0920

PLEASE DETACH AND RETURN LOWER PORTION WITH YOUR REMITTANCE

BILLING PERIOD	ADVERTISER / CLIENT NAME
	NV ENERGY LAS VEGAS
TOTAL AMOUNT DUE	TERMS OF PAYMENT
\$291.12	Due on the 15th of the month.

LEGAL INVOICE

000022525000069149000000291120004502

PAGE #	BILLING DATE	BILLING ACCOUNT NAME AND ADDRESS	REMITTANCE ADDRESS
1	12/17/2015	ATTN: JENNIFER FEDINEC NV ENERGY LAS VEGAS M/S 03-A 6225 W SAHARA AVE LAS VEGAS NV 89146	Las Vegas Review-Journal PO Box 920 Las Vegas NV 89125-0920
BILLED ACCOUNT NUMBER			
22525			
AD ORDER NUMBER			
0000691490			

AFFIDAVIT OF PUBLICATION

STATE OF NEVADA)  
COUNTY OF CLARK) SS:

NV ENERGY LAS VEGAS  
M/S 03-A  
6226 W SAHARA AVE  
LAS VEGAS NV 89146

Account # 22525  
Ad Number 0000691490

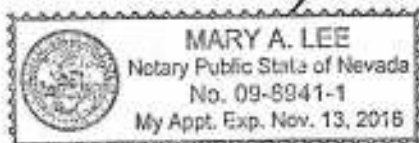
Eileen Gallagher, being 1st duly sworn, deposes and says: That she is the Legal Clerk for the Las Vegas Review-Journal and the Las Vegas Sun, daily newspapers regularly issued, published and circulated in the City of Las Vegas, County of Clark, State of Nevada, and that the advertisement, a true copy attached for, was continuously published in said Las Vegas Review-Journal and / or Las Vegas Sun in 1 edition(s) of said newspaper issued from 12/17/2015 to 12/17/2015, on the following days:

12 / 17 / 15

*Eileen Gallagher*  
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 17th day of December, 2015

Notary *Mary Lee*



BEFORE THE PUBLIC UTILITIES  
COMMISSION OF NEVADA

NOTICE OF APPLICATION

NEVADA POWER COMPANY, doing business as NV Energy ("NV Energy"), intends to submit an application for a permit to construct a utility facility, namely the Playa Solar Transmission Interconnection Facility within unincorporated Clark County, Nevada. This request for a permit to construct will be filed with the Public Utilities Commission of Nevada ("PUCN") pursuant to the Utility Environmental Protection Act ("UEPA") under Nevada Revised Statutes chapter 704, sections 820 to 900 and Nevada Administrative Code, chapter 703, sections 415 to 427.

NOTICE OF APPLICATION  
FOR A PERMIT TO CONSTRUCT  
UNDER UEPA FOR A NEW  
OVERHEAD 230 KV  
TRANSMISSION LINE FACILITY.

Notice is hereby given to persons residing in the municipalities in which the utility facility to be constructed will be located. NV Energy will request a permit to construct the following utility facility as part of the Playa Solar Transmission Interconnection Facility:

- (1) A 0.3-mile overhead, single-circuit 230kV transmission line, with,
- (2) Associated protective and telecommunication systems and related equipment appurtenant to the safe, reliable and cost-effective operation of this new facility.

The new facility will be located approximately 23 miles northeast of Las Vegas, Nevada. The purpose of the transmission interconnection facility is to facilitate the interconnection of Playa Solar's 100MW and 79 MW solar generation plants into the Nevada Power system, per Nevada Power's Large Generator Interconnection Agreement and Power Purchase Agreements between Nevada Power and Playa Solar 2, LLC, and Nevada Power and Sierra Pacific Power Company and Playa Solar 1, LLC.

The contents of the UEPA Application for the Playa Solar Transmission Interconnection Facility will include, among other things:

- (1) A description of the proposed facility requiring a permit to construct from the PUCN and its location, including a description of any associated equipment proposed for the facility and diagrams of the location and layout of the proposed utility facility;
- (2) An environmental statement that describes the environmental characteristics of the project area, the potential environmental impacts from the construction and specific mitigation measures to be implemented to reduce those impacts;
- (3) A list of federal, state, regional and local agencies whose approval may be required for the proposed utility facility; and
- (4) An explanation of the extent to which the proposed facility is needed to ensure reliable utility service to electric customers within this state.

The UEPA application will be filed under and governed by the provisions of the UEPA. Protests and written comments about the granting of the UEPA application must be filed with the PUCN as provided by law.

DATED this 16th day of  
December, 2015  
NEVADA ENERGY

PUB: December 17, 2015  
LV Review-Journal

**EXHIBIT D**  
**CERTIFICATE OF SERVICE**

**CERTIFICATION OF SERVICE**

I hereby certify that I have served the foregoing **NEVADA POWER COMPANY  
D/B/A NV ENERGY'S FILING** In Docket No. 16-01\_\_\_\_ upon the persons listed below  
by electronic mail:

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DATED this 19th day of January, 2016

/s/Janice Baldarelli  
Janice Baldarelli  
Legal Administrative Assistant  
Nevada Power Company